Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-25   (cancelled)

Claim 26 (new)   A crystal comprising a bactericidal/permeability-increasing (BPI) protein, wherein the crystal comprises cell dimensions of a=185.0, b=37.2, and c=84.3 Å.

Claim 27 (new)   The crystal of claim 26, wherein the crystal diffracts x-rays with sufficiently high resolution to allow determination of the three-dimensional structure of the BPI protein.

Claim 28 (new)   The crystal of claim 26, wherein the crystal diffracts x-rays for determination of atomic coordinates of the crystal to a resolution of about 2.4 Å.

Claim 29 (new)   The crystal of claim 26, wherein the crystal belongs to space group C_2.

Claim 30 (new)   A method of making the crystal of claim 26, the method comprising:
(a)   expressing the BPI protein;
(b)   purifying the BPI protein; and
(c)   crystallizing the BPI protein to form the crystal of claim 26.

Claim 31 (new)   The method of claim 30, wherein the BPI protein is crystallized by hanging-drop vapor diffusion.

Claim 32 (new)   A crystal comprising a bactericidal/permeability-increasing (BPI) protein, wherein the crystal comprises cell dimensions of a=185.6, b=33.0, and c=85.2 Å.

Claim 33 (new)   The crystal of claim 32, wherein the crystal diffracts x-rays with sufficiently high resolution to allow determination of the three-dimensional structure of the BPI protein.

Claim 34 (new)   The crystal of claim 32, wherein the crystal diffracts x-rays for determination of atomic coordinates of the crystal to a resolution of about 2.4 Å.

Claim 35 (new)   The crystal of claim 32, wherein the crystal belongs to space group C_2.

Claim 36 (new)   A method of making the crystal of claim 32, the method comprising:
    (a)   expressing the BPI protein;
    (b)   purifying the BPI protein; and
    (c)   crystallizing the BPI protein to form the crystal of claim 32.

Claim 37 (new)   The method of claim 36, wherein the BPI protein is crystallized by hanging-drop vapor diffusion.